





Wyandotte Public Schools

The Mathematics Curriculum



PRESENTER

- Dr. Patricia Cole, Superintendent
- Mary McFarlane, Principal
- Joanna Secco, Teacher



Building Demographics

- RHS enrollment 9-12:
 - 2007/2008 - 1382
 - 2008/2009 - 1353

- Mathematics – 46 sections
- MA Enrollment – 1263
- Avg. Class Size – 27.5

- Lowest foundation allowance
- \$7,316.00



Reasons for Change

- To improve and promote advanced problem solving, logical reasoning, and critical thinking skills across the curriculum.
- Prepare all students for Post-secondary education and training.
- To address MME/ACT content.





- 2003/2004 – Grade 9, Algebra I required.
- 2004/2005 – Grade 10, Geometry required.

- 2006/2007 - Grade 11, Algebra II required

- 2007/2008 – Grade 8, Algebra I required
- 2008/2009 - Grade 9, Geometry or
Adv. Geometry
- Grade 10, Algebra I or
Adv. Algebra II
- Grade 11, Algebra II or
(H)Pre-Calc
- Grade 12, AP Calc
Statistics/Probability



ACT Mathematics

<input type="checkbox"/>	Local	State
<input type="checkbox"/> Class of 2004	20.0	21.1
<input type="checkbox"/> Class of 2005	20.7	21.2
<input type="checkbox"/> Class of 2006	20.5	21.2
<input type="checkbox"/> Class of 2007	20.1	21.3
<input type="checkbox"/> 4 yr. Avg.	20.3	21.2
<input type="checkbox"/> Class of 2008	19.2	19.5



ACT Mathematics Results

- From 2004-2007 RHS students averaged .875 points below the state average. At this time students were not required to take the ACT test.
- For 2008 scores, which required all students to test, the difference was reduced to .3 points.

When many schools scores dropped with all students testing, RHS actually preformed better due to curriculum changes and increased requirements.



2008 ACT College Readiness Standards ACT Mathematics Report:

	RHS	State
Range 13-15 –	22%	25%
	3% <u>lower</u> than State ☺	
Range 16-19 –	<u>43%</u>	37%
Range 20-23 –	<u>21%</u>	15%
	6% higher than State ☺	
Range 24-27 –	13%	13%
	Even with State ☺	



MME Mathematics Results

Students Proficient in Levels 1 and 2

2007 RHS Ranked 6th /34 in Wayne County. 2008 RHS ranked 7th /34 in Wayne County.

- | | |
|--|--|
| <input type="checkbox"/> RHS scored 55% | <input type="checkbox"/> RHS scored 50% |
| <input type="checkbox"/> RESA scored 34% | <input type="checkbox"/> RESA scored 33% |
| <input type="checkbox"/> State score 46% | <input type="checkbox"/> State score 46% |



Algebra II = PS + CT + LR

We have a moral obligation to meet the needs of our students.

We at Wyandotte Public Schools feel that we are successfully bringing Algebra II to all students and are providing a sound foundation for future success in the work place and/or post secondary education.

Students that invest in high quality education will prosper.

'DO THE RIGHT THING FOR THE RIGHT REASON'